

ABSTRACT

Access to a bus is granted to one of a number of requesting communication circuits that each submitted a bus control request during
5 a request period of an arbitration period in response to the entries in a priority table. If a requesting communication circuit has an identity and priority that match the identity and priority of a communication circuit stored in a row of the priority table that corresponds with the arbitration
10 period, access to the bus is granted to the requesting communication circuit.